ABSTRACT OF THE DISCLOSURE

Extended internal domain name service of URI taking distributed service scheme, wherein site names or proper nouns that are not formal top-level domains are used as top-level domains. A central name server, a local name server and a user computer, each of which is loaded with a program for domain service. A service preparation step, the local name server registers a name and address of a site into the central name server and is given a top-level domain from the central name server. A name registration step, the local name server gives names to resources inside a site or site user registers names of information into the local name server. A domain inquiry step, the user computer inquires internal domains of particular local name server without confusion to existing domain service when user inputs internal domains according to a domain scheme.